littwoch, 3. Juni 2020 1

$$S_1 = [2, 5, -7, 2, 3, -1, 9, 0]$$

$$S_e = [2, -7, 3, 9]$$
  
 $S_0 = [5, 2, -1, 9]$ 

$$|A_{n} = \sum_{k=0}^{N-1} S_{k} \exp\left(\frac{2\pi i \ln n}{N}\right)$$

$$= \sum_{k=0}^{N/2-1} \exp\left(\frac{2\pi i \ln n}{N/2}\right) f_{2k} + W^{n} \sum_{k=0}^{N/2-1} \exp\left(\frac{2\pi \ln n}{N/2}\right) f_{2k+1}$$

$$11_0 = 13$$
 $11_1 = 1,23 + 10,3i$ 
 $11_2 = 3 - 2i$ 
 $11_3 = -38 - 21,7i$